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PCT09

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P#12

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/674,277

DATE: 06/20/2002

TIME: 12:13:10

Input Set : A:\EP.txt

Output Set: N:\CRF3\06202002\I674277.raw

3 <110> APPLICANT: BIO-RAD  
5 <120> TITLE OF INVENTION: Nucleotide sequences for detecting enterohaemorrhagic  
6 Escherichia coli  
8 <130> FILE REFERENCE: BET 00/0916  
C--> 10 <140> CURRENT APPLICATION NUMBER: US/09/674,277  
11 <141> CURRENT FILING DATE: 1999-04-27  
13 <150> PRIOR APPLICATION NUMBER: FR 98/05329  
14 <151> PRIOR FILING DATE: 1998-04-28  
16 <160> NUMBER OF SEQ ID NOS: 27  
18 <170> SOFTWARE: PatentIn Ver. 2.1  
20 <210> SEQ ID NO: 1  
21 <211> LENGTH: 1489  
22 <212> TYPE: DNA  
23 <213> ORGANISM: Escherichia coli  
25 <400> SEQUENCE: 1  
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27 tgatttttgt cacagactca atgactaccg gacgcactga accttccggt tgttttctcca 120  
28 gccagttaag ccagcggttt cctgctgaa aaatgtcggc aaaacgggga agcatcagaa 180  
29 gggcggggga actccgtccg gccagtgaac cgtgccacac tccgggcagt acatgccgcc 240  
30 ggcgctgata ccggcaagaa tggtcgcaaa ctcccgtcc gtgcagcggg ctatttcagg 300  
31 atacccttgc tcatcaacac gtacaaacca gaagaccagc tttttgtttc tgacatccac 360  
32 aaagaaggga atattcaggt ctgcgcagca ctcaacggca tcgtcagttg cggcttgga 420  
33 ccccttagta ttttttgtct gtagtatcta tcccagcaat aggtatatcc tgttgcatca 480  
34 ataaagttga cttttgtata caacatgcga atttccctta atccggagct attcgtatga 540  
35 taaaaaaaac tcttctgtt ctgattcttc tggcgctatc ggggagcttt tctaccgctg 600  
36 tagccgctga taaaaaagag actcaaaatt tctactatcc agaaacactg gatttaactc 660  
37 ctctgagatt acacagccct gaatcaaate cctggggggc tgattttgat tatgccacca 720  
38 gatttcaaca gctggatatg gaggctctga aaaaagatat caaagatttg ctgacaactt 780  
39 cccaggattg gtgccctgcg gattatggtc attatgggtcc tttctttatt cgtatggctt 840  
40 ggcacggtgc cggaacatac aggacatatg atggccggg aggcgccagt ggtggtcagc 900  
41 aacgttttga accgctgaac agctggccgg ataacgttaa tctggataaa gcccgctgat 960  
42 tgctgtggcc agtcaagaaa aaatacggct ccagtatttc ctggggagac ctgatggctc 1020  
43 tgactggtaa tgttgccctt gaatccatgg gatttaaaac gctgggattt gctggcggaa 1080  
44 gagaagatga ctgggagtcg gacctggtat actgggggcc tgacaacaag cctcttgtag 1140  
45 ataaccggga taaaaacggg aaacttcaga aacctcttgc cgccacgcag atgggactta 1200  
46 tttatgtcaa tctgaaggc cccggtggaa aaccagatcc tctggcttcc gcgaaagata 1260  
47 tcagggaagc tttttcacgt atggccatgg atgatgagga gactgtggcc ctgatcgcgg 1320  
48 gagggcatatc atttggtaaa gcacatgggt cagcgtctcc tgaaaaatgt attggcgcag 1380  
49 ggccctgatg tgcacctgtg gaggagcagg gactgggatg gaaaaataaa tgtggtacag 1440  
50 gaaacggcaa atataccatc accagtggcc tggaaggagc ctggtcgac 1489  
53 <210> SEQ ID NO: 2  
54 <211> LENGTH: 1181  
55 <212> TYPE: DNA

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56 <213> ORGANISM: Escherichia coli
58 <400> SEQUENCE: 2
59 ctgcaggaga tggaaaaaaa gccaaaataa aaaattgccc atcccagcgc gctccagctg 60
60 aaagtaggcc tgttctgtcc ggtatttaaa tgcattgacc gtccccgtat ttaaacaatg 120
61 tgataaatta ctccgttaac ggaaaaccgc tgaacaaaat tcgggctgaa aagaggatcc 180
62 gccgttatct gttgcatttc cccttagcct gactagccag agacacaatg atctgtgccg 240
63 ttctgttaat atcaaacccg tactcaatat cttctctggc gctggctgcc atcatccgga 300
64 agcgttccgg tcgggataaa aaatcgcgca gtgcgcgggt ccatgcagac acatcccca 360
65 cgggtaacag cgtccctgtc acattcttct gaatgacatc agggatcccg cccgtctcac 420
66 tggcgataac gggcacgccc gagactgacg cttcagccag taccatacca aacgcttcat 480
67 ttccgaagg catgaccacc acactggcaa tccggtagac cggtaacgct gggaaaaggg 540
68 cacctgccat taacacatct ccgctcattc ccagggtgtt tgtctgctga cgcagacgtg 600
69 cttcgtattc ttcacgcccg gcgcccacca cgagccagcg aaatgatttc ccttccatct 660
70 tcagctgata caatacacgc agcataaatt catgtccttt ttcgggacgt agcatcccca 720
71 cctgaacgat aagcggaaca ttgtctgctg atgcagccca ggctgggata tgcaggggta 780
72 acggtcgcat ggcttcatta tgcaatgcgg gccagtcgaa acccggtgga ataaccgtta 840
73 ccggtgtcct gacaccttcc gccatcagat gcgcatcat gggtagata ggcacaacaa 900
74 tgaatacaca cagataattc agggaaaacg ttctggtctt acgggtgatg taggtttttt 960
75 gtctgacaat agtgaagcgg tgacagcata tcagacggct cagtccgtgt atattactgt 1020
76 catggcaact atggcagatg accagatcag gtttaaattc cccgataatc cgtcgaagtc 1080
77 tgaggatgga aggaaggtga aggctgttcc tgaaaggaat aaaagtgaca tcatgccctc 1140
78 tttttctggc ttccggagca attttacttt tttctctgca g 1181
81 <210> SEQ ID NO: 3
82 <211> LENGTH: 22
83 <212> TYPE: DNA
84 <213> ORGANISM: Artificial Sequence
86 <220> FEATURE:
87 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
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90 cggagatgaa agcaccactg tg 22
93 <210> SEQ ID NO: 4
94 <211> LENGTH: 22
95 <212> TYPE: DNA
96 <213> ORGANISM: Artificial Sequence
98 <220> FEATURE:
99 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
101 <400> SEQUENCE: 4
102 gggctgtgta atctcagagg ag 22
105 <210> SEQ ID NO: 5
106 <211> LENGTH: 25
107 <212> TYPE: DNA
108 <213> ORGANISM: Artificial Sequence
110 <220> FEATURE:
111 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
113 <400> SEQUENCE: 5
114 gtccggagat gaaagcacca ctgtg 25
117 <210> SEQ ID NO: 6
118 <211> LENGTH: 25
119 <212> TYPE: DNA

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120 <213> ORGANISM: Artificial Sequence
122 <220> FEATURE:
123 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
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129 <210> SEQ ID NO: 7
130 <211> LENGTH: 23
131 <212> TYPE: DNA
132 <213> ORGANISM: Artificial Sequence
134 <220> FEATURE:
135 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
137 <400> SEQUENCE: 7
138 ggcgtgata ccggaagaa tgg 23
141 <210> SEQ ID NO: 8
142 <211> LENGTH: 23
143 <212> TYPE: DNA
144 <213> ORGANISM: Artificial Sequence
146 <220> FEATURE:
147 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
149 <400> SEQUENCE: 8
150 ggtccgcag gccatgattt ttg 23
153 <210> SEQ ID NO: 9
154 <211> LENGTH: 24
155 <212> TYPE: DNA
156 <213> ORGANISM: Artificial Sequence
158 <220> FEATURE:
159 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
161 <400> SEQUENCE: 9
162 ccggcaagaa tggtcgcaaa ctcc 24
165 <210> SEQ ID NO: 10
166 <211> LENGTH: 26
167 <212> TYPE: DNA
168 <213> ORGANISM: Artificial Sequence
170 <220> FEATURE:
171 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
173 <400> SEQUENCE: 10
174 aaggggttcc aagccgcaac tgacga 26
177 <210> SEQ ID NO: 11
178 <211> LENGTH: 26
179 <212> TYPE: DNA
180 <213> ORGANISM: Artificial Sequence
182 <220> FEATURE:
183 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
185 <400> SEQUENCE: 11
186 taaggggttc caagccgcaa ctgacg 26
189 <210> SEQ ID NO: 12
190 <211> LENGTH: 31
191 <212> TYPE: DNA
192 <213> ORGANISM: Artificial Sequence

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194 <220> FEATURE:
195 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
197 <400> SEQUENCE: 12
198 ctcaacggca tcgtcagttg cggttgga c 31
201 <210> SEQ ID NO: 13
202 <211> LENGTH: 31
203 <212> TYPE: DNA
204 <213> ORGANISM: Artificial Sequence
206 <220> FEATURE:
207 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
209 <400> SEQUENCE: 13
210 agcactcaac ggcacgtca gttgcggctt g 31
213 <210> SEQ ID NO: 14
214 <211> LENGTH: 31
215 <212> TYPE: DNA
216 <213> ORGANISM: Artificial Sequence
218 <220> FEATURE:
219 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
221 <400> SEQUENCE: 14
222 ctatttcagg ataccttcg tcatcaacac g 31
225 <210> SEQ ID NO: 15
226 <211> LENGTH: 31
227 <212> TYPE: DNA
228 <213> ORGANISM: Artificial Sequence
230 <220> FEATURE:
231 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
233 <400> SEQUENCE: 15
234 aatttcctt aatccggagc tattcgatg a 31
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238 <211> LENGTH: 20
239 <212> TYPE: DNA
240 <213> ORGANISM: Artificial Sequence
242 <220> FEATURE:
243 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
245 <400> SEQUENCE: 16
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249 <210> SEQ ID NO: 17
250 <211> LENGTH: 20
251 <212> TYPE: DNA
252 <213> ORGANISM: Artificial Sequence
254 <220> FEATURE:
255 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
257 <400> SEQUENCE: 17
258 tgtcacagac tcaatgacta 20
261 <210> SEQ ID NO: 18
262 <211> LENGTH: 14
263 <212> TYPE: DNA
264 <213> ORGANISM: Artificial Sequence
266 <220> FEATURE:

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Input Set : A:\EP.txt

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267 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
269 <400> SEQUENCE: 18
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273 <210> SEQ ID NO: 19
274 <211> LENGTH: 16
275 <212> TYPE: DNA
276 <213> ORGANISM: Artificial Sequence
278 <220> FEATURE:
279 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
281 <400> SEQUENCE: 19
282 cggcatcggtc agttgc 16
285 <210> SEQ ID NO: 20
286 <211> LENGTH: 18
287 <212> TYPE: DNA
288 <213> ORGANISM: Artificial Sequence
290 <220> FEATURE:
291 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
293 <400> SEQUENCE: 20
294 acggcatcgt cagttgcg 18
297 <210> SEQ ID NO: 21
298 <211> LENGTH: 22
299 <212> TYPE: DNA
300 <213> ORGANISM: Artificial Sequence
302 <220> FEATURE:
303 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
305 <400> SEQUENCE: 21
306 ccacctgaac gataagcgga ac 22
309 <210> SEQ ID NO: 22
310 <211> LENGTH: 22
311 <212> TYPE: DNA
312 <213> ORGANISM: Artificial Sequence
314 <220> FEATURE:
315 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
317 <400> SEQUENCE: 22
318 caccttcctt ccacctcag ac 22
321 <210> SEQ ID NO: 23
322 <211> LENGTH: 20
323 <212> TYPE: DNA
324 <213> ORGANISM: Artificial Sequence
326 <220> FEATURE:
327 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
329 <400> SEQUENCE: 23
330 atcccagcgc gctccagctg 20
333 <210> SEQ ID NO: 24
334 <211> LENGTH: 22
335 <212> TYPE: DNA
336 <213> ORGANISM: Artificial Sequence
338 <220> FEATURE:
339 <223> OTHER INFORMATION: Description of Artificial Sequence: primer

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**VERIFICATION SUMMARY**

PATENT APPLICATION: US/09/674,277

DATE: 06/20/2002

TIME: 12:13:11

Input Set : A:\EP.txt

Output Set: N:\CRF3\06202002\I674277.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number